

**CMS** *Private work*

PYTHIA8 (pp 5.02 TeV)

$p_T^{\text{jet}}$

140  
130  
120  
110  
100  
90  
80

0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

$z_{b,\text{ch}}$

1  
0.9  
0.8  
0.7  
0.6  
0.5  
0.4  
0.3  
0.2  
0.1  
0

Reconstruction purity

